

**What is claimed is:**

1. A method of managing use history of a rental electric home appliance through a communication network, comprising the steps of:
  - (a) receiving information on use particulars of the rental  
5 electric home appliance through the communication network;
  - (b) calculating charge for use of the rental electric home appliance based on the received information on use particulars; and
  - (c) transmitting the calculated charge to a user's terminal through the communication network.
- 10 2. The method set forth in claim 1, wherein said rental electric home appliance is a washing machine.
3. The method set forth in claim 2, wherein said use particulars includes type of the washing machine, load capacity of the washing machine, motor type of the washing machine, an amount of clothes to  
15 wash, a washing course program to use, washing time, the number of washing repetition, the number of spinning, and the number of rinsing repetition.
4. The method set forth in claim 1, wherein the rental electric home appliance is driven by a start signal from a registered  
20 subscriber's personal computer or a mobile terminal.
5. The method set forth in claim 1, wherein the rental electric home appliance is driven based on a result of authentication of both a subscriber number and unique number of the rental electric home appliance which are entered through a telephone by a registered  
25 subscriber.
6. The method set forth in claim 1, wherein the user's terminal is a personal computer or a mobile terminal.

7. The method set forth in claim 1, further comprising the step of sending a bill for total charge including washing particulars to a corresponding subscriber.

8. A method of managing use history of a rental electric home appliance through a communication network, comprising the steps of:

(a) authenticating a subscriber number received through the communication network;

(b) transmitting a start signal for the rental electric home appliance identified by the subscriber number through the communication network to a corresponding subscriber's terminal if the subscriber number is authenticated successfully;

(c) receiving use information of the rental electric home appliance through the communication network;

(d) calculating charge for use of the rental electric home appliance based on the received use information; and

(e) transmitting the calculated charge to the user's terminal through the communication network.

9. The method set forth in claim 8, wherein said rental electric home appliance is a washing machine.

10. The method set forth in claim 9, wherein said use particulars includes type of the washing machine, load capacity of the washing machine, motor type of the washing machine, an amount of clothes to wash, a washing course program to use, washing time, the number of washing repetition, the number of spinning, and the number of rinsing repetition.

11. The method set forth in claim 8, wherein the rental electric home appliance is driven by a start signal from a registered

subscriber's personal computer or a mobile terminal.

12. The method set forth in claim 8, wherein the rental electric home appliance is driven based on a result of authentication of both a subscriber number and unique number of the rental electric home  
5 appliance which are entered through a telephone by a registered subscriber.

13. The method set forth in claim 8, wherein the user's terminal is a personal computer or a mobile terminal.

14. The method set forth in claim 8, further comprising the step  
10 of sending a bill for total charge including washing particulars to a corresponding subscriber.

15. A method of managing use history of a rental washing machine through a communication network, comprising the steps of:

(a) receiving, through the communication network, information  
15 on washing conditions of an optimal washing course program set based on clothes inserted in the rental washing machine;

(b) calculating charge for use of the rental electric home appliance based on the received information on washing conditions;

(c) transmitting the calculated charge to a user's terminal  
20 through the communication network; and

(d) transmitting a start signal to the rental washing machine through the communication network if a washing request is received.

16. The method set forth in claim 15, wherein said information on washing conditions includes type of the washing machine, load  
25 capacity of the washing machine, motor type of the washing machine, an amount of clothes to wash, a washing course program to use, washing time, the number of washing repetition, the number of spinning, and

the number of rinsing repetition.

17. The method set forth in claim 15, wherein the user's terminal is a personal computer or a mobile terminal.

18. The method set forth in claim 15, further comprising the  
5 step of sending a bill for total charge including washing particulars to a corresponding subscriber.

19. A method of managing use history of a rental washing machine through a communication network, comprising the steps of:

(a) authenticating a subscriber number received through the  
10 communication network;

(b) receiving, through the communication network, information on washing conditions of an optimal washing course program set based on clothes inserted in the rental washing machine and calculating charge for use of the rental electric home appliance, if the subscriber  
15 number is authenticated successfully;

(c) transmitting the calculated charge to the user's terminal through the communication network; and

(d) transmitting a start signal to the rental washing machine through the communication network if a washing request is received.

20 20. The method set forth in claim 19, wherein said information on washing conditions includes type of the washing machine, load capacity of the washing machine, motor type of the washing machine, an amount of clothes to wash, a washing course program to use, washing time, the number of washing repetition, the number of spinning, and  
25 the number of rinsing repetition.

21. The method set forth in claim 19, wherein the user's terminal is a personal computer or a mobile terminal.

22. The method set forth in claim 19, further comprising the step of sending a bill for total charge including washing particulars to a corresponding subscriber.